

Directions of Agentic AI and BMPP Protocol

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- 1 Foundations
- 2 Order of Arguments
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- (2024) LLM and Multi-Agents systems
- (2025) A review of systems
- (2025) From Glue-Code to Protocols: A Critical Analysis of A2A and MCP Integration for Scalable Agent Systems
- **It's all about Context (Vibelang)**
- Multi-Agents (**BMPP protocols at scale**)

Order of Arguments

- Context Engineering
- **LLM Systems** (multi-agents and natural language)
- **Interoperability**
- Production Deployment, Scalability
- Safety, **Ethical considerations**

Overview: Scope, Tools, Solutions

Scope	Example Tools
Context generation-retrieval	CoT, 0-shot, TreeOfThoughts, GraphOfThoughts, ReAct, Self-consistency
Context processing-management	StructGPT, knowledge graphs, DB/Tool integrations, context compression, KV cache, hierarchical memory, context window management
Up Next?	domain specialisation, protocol standardisation, human-AI collaboration, security issues, production deployment, scalability, safety

Overview: Scope, Tools, Solutions

Scope	Solution
Context generation-retrieval	Vibelang: safe context generation/aggregation, flexibly defined
Context processing-management	BMPP Agents: Interactions and modular context handling
Up Next?	BMPP Cloud deployments: orchestrate solutions across domains

Thank you for your attention!

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